

DaimlerChrysler AG

Patent Claims

5 1. A body for a motor vehicle, which comprises a support structure (10) having a roof module (42) which is placed onto a basic module (12), a roof column (50) extending between the roof (43) of the roof module (42) and the basic module (12), which roof column is to be
10 fixed at its lower end (64) on the basic module (12) during assembly of the partial modules (12, 26, 42, 50, 52), characterized in that the roof column (50) is designed as a separate component which is to be fastened at its upper end (60) in an overlapping manner
15 to a support part (62) protruding from the roof (43).

20 2. The body as claimed in claim 1, characterized in that the roof column (50) can be fastened from the outside to the support part (62).

3. The body as claimed in claim 1, characterized in that the support part (62) is fixed on a lateral roof strut (46) of the roof module (42).

25 4. The body as claimed in claim 3, characterized in that the roof column (50) comprises at its upper end (60) a bearing section (66) via which the roof column (50) is supported from the outside against the roof strut (46).

30 5. The body as claimed in claim 4, characterized in that the roof strut (46) has a recess (68) within which the bearing section (66) of the roof column (50), which bearing section is fastened to the roof strut (46),
35 lies.

6. The body as claimed in claim 1, characterized in that the support part (62) is matched in cross section

to the shape of the roof column (50) and runs in the direction of extent of the roof column (50).

7. The body as claimed in claim 1, characterized in
5 that the roof column (50) and the associated support part (62) are additionally connected to each other via a rail (74) of a seat belt system.

8. The body as claimed in claim 1, characterized in
10 that the lower end of the roof column (50) is to be fixed on a lateral longitudinal member (16) of the basic module (12).

9. The body as claimed in claim 8, characterized in
15 that the roof column (50) is enlarged in cross section at the lower end (64) and ends on a fastening profile (70) which, when installed, runs in the direction of extent of the lateral longitudinal member (16).

20 10. The body as claimed in claim 9, characterized in that the fastening profile (70) is of essentially U-shaped design in cross section and can be plugged onto the lateral longitudinal member (16).

25 11. The body as claimed in claim 10, characterized in that the fastening profile (70) can be fastened in an essentially form-fitting manner to the lateral longitudinal member (16).